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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing      OR      ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

DB001077-000

First Named Inventor

Mark Beaumont

**COMPLETE IF KNOWN**

Application Number

Filing Date

20 October 2003

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR FINDING GLOBAL EXTREMA OF A SET OF BYTES DISTRIBUTED  
ACROSS AN ARRAY OF PARALLEL PROCESSING ELEMENTS**

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT InternationalApplication Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed     | Certified Copy Attached? |                                     |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|-------------------------------------|
|                                     |         |                                  |                          | YES                      | NO                                  |
| 0309206.1                           | UK      | 04/23/2003                       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☒Customer Number  
or Bar Code LabelOR ☐

Correspondence address below

**24122**

PATENT TRADEMARK OFFICE

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR :**

A petition has been filed for this unsigned inventor

Mark  
Given Name  
(first and middle [if any])

Beaumont  
Family Name  
or Surname

Inventor's  
Signature*J. M. Beaumont*

Date

*6-AUG-2003*

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**NAME OF SECOND INVENTOR:**

A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any])

Family Name  
or Surname

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

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Country

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**37 C.F.R. § 3.73(b) Statement**

| Applicants    | Title   | Serial No. | Filing Date |
|---------------|---|------------|-------------|
| Mark Beaumont | METHOD FOR FINDING GLOBAL<br>EXTREMA OF A SET OF BYTES<br>DISTRIBUTED ACROSS AN ARRAY<br>OF PARALLEL PROCESSING<br>ELEMENTS |            |             |
|               |   |            |             |

**Micron Technology, Inc.** is the assignee of the entire right, title and interest in the patent applications identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the United States Patent and Trademark office on \_\_\_\_\_ at Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office on \_\_\_\_\_ at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

**Power of Attorney**

I hereby revoke all previous powers of attorney, if any, and appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:


Edward L. Pencoske    Reg. No. 29,688  
Richard J. Coldren    Reg. No. 44,084

Michael L. Lynch    Reg. No. 30,781  
Jenifer S. Tarasi    Reg. No. 46,064  
Abhijat Parikh    Reg. No. 49,086

**Please Direct All Correspondence to:**    **Richard J. Coldren, Esquire**  
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**One Oxford Centre**  
**301 Grant Street**  
**Pittsburgh, PA 15222**

**Declaration**

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R. § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

Date Oct 13, 2003  
Signature   
Name Michael L. Lynch  
Title Chief Patent Counsel

**APOSTILLE**

(Hague Convention of 5 October 1961 / Convention de La Haye du 5 octobre 1961)

**UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND**

1. Country: United Kingdom of Great Britain and Northern Ireland  
Pays: Royaume-Uni de Grande-Bretagne et d'Irlande du Nord

This public document / Le présent acte public

2. Has been signed by **A Brooker**  
a été signé par
3. Acting in the capacity of **Notary Public**  
agissant en qualité de
4. Bears the seal/stamp of **The Said Notary Public**  
est revêtu du sceau/timbre de

5. at London/à Londres

Certified/Attesté

6. the/le **06 October 2003**

7. by Her Majesty's Principal Secretary of State for Foreign and Commonwealth Affairs /  
par le Secrétaire d'Etat Principal de Sa Majesté aux Affaires Etrangères et du Commonwealth.

8. Number/sous No

**G261687**

9. Stamp:  
timbre:

10. Signature: **M. Monaghan**



*For the Secretary of State / Pour le Secrétaire d'Etat*

If this document is to be used in a country which is not party to the Hague Convention of 5 October 1961,  
it should be presented to the consular section of the mission representing that country.